

## Parking Analysis

### On-street Parking

Within the Quincy Center area, short-term on-street parking is provided along both sides of Hancock Street, Washington Street, and Coddington Street. On-street parking is also provided along the east side of Chestnut Street. These short-term, on-street parking spaces are in high demand, especially in front of City Hall. On-street parking regulations for the study area are shown in **Figure 12**.

Parking turnover data for the on-street parking was collected on Thursday, December 8, 2011, from 8 AM to 6 PM in 15-minute intervals and on Saturday, December 10, 2011, from 9 AM to 6 PM in 30-minute intervals. On-street parking within Quincy Center was separated into the zones (**Figure 13**). There are a total of 291 on-street parking spaces within the study area with varying restrictions and time limits: handicap, 15-minute, 30-minute, 1-hour, and 2-hour.

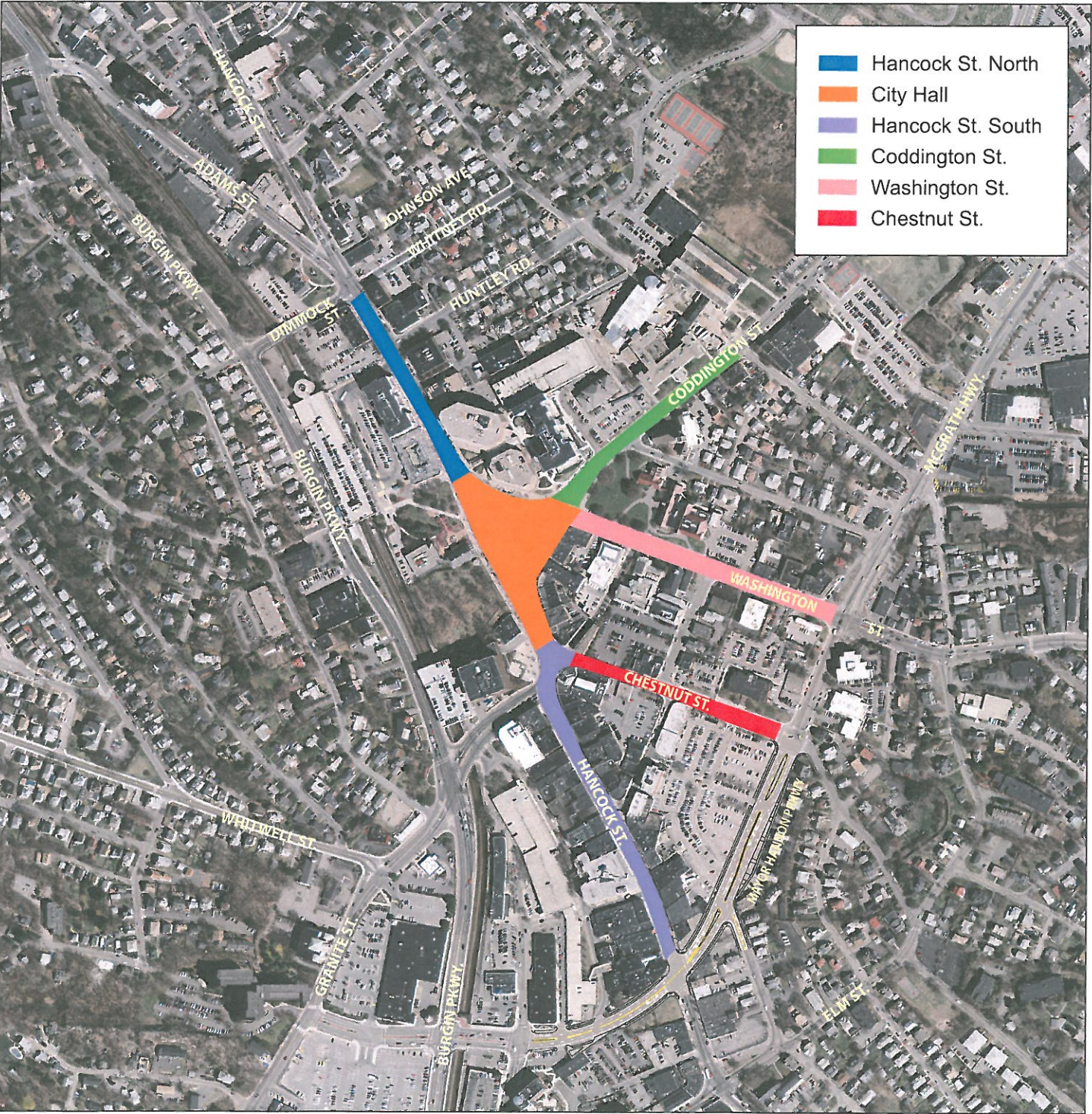


Figure 12. Existing On-street Parking in the Study Area





Figure 13. On-street Parking Zones





**Table 7** shows the average weekday and Saturday occupancy for each of the on-street parking zones. The table also shows the average parking duration by on-street regulation.

**Table 7. Existing On-Street Parking Occupancy**

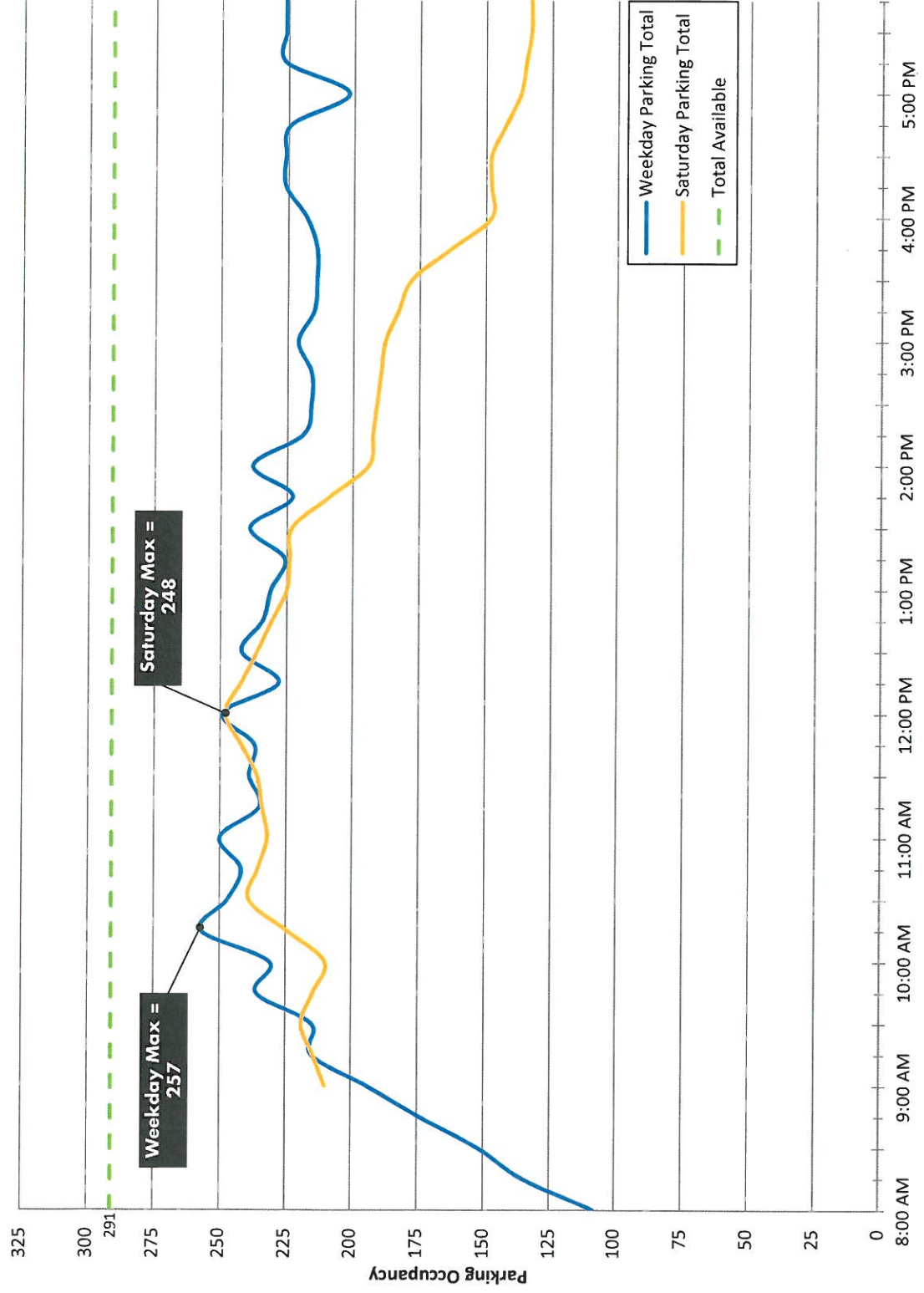
Zone	Regulation	# Spaces	Average Weekday Occupancy	Average Weekday Duration	Average Saturday Occupancy	Average Saturday Duration
Hancock Street North	Handicap	1	100%	1.6 hrs.	100%	8.0 hrs.
	30-min	4	100%	2.2 hrs.	75%	1.3 hrs.
	1-hour	19	84%	1.9 hrs.	84%	2.1 hrs.
	2-hour	14	93%	1.9 hrs.	86%	2.1 hrs.
	<b>Total</b>	<b>38</b>	<b>89%</b>		<b>82%</b>	
City Hall	Handicap	4	100%	4.8 hrs.	75%	5.9 hrs.
	1-hour	41	78%	2.1 hrs.	54%	1.9 hrs.
	2-hour	5	100%	3.1 hrs.	100%	2.0 hrs.
	<b>Total</b>	<b>50</b>	<b>89%</b>		<b>65%</b>	
Hancock Street South	Handicap	5	60%	1.3 hrs.	60%	2.3 hrs.
	15-min	15	67%	51 min.	73%	2.0 hrs.
	1-hour	5	80%	2.1 hrs.	80%	1.1 hrs.
	2-hour	49	90%	2.2 hrs.	96%	2.1 hrs.
	<b>Total</b>	<b>74</b>	<b>82%</b>		<b>88%</b>	
Coddington Street	Handicap	1	100%	2.0 hrs.	0%	2.5 hrs.
	1-hour	26	50%	1.3 hrs.	46%	2.4 hrs.
	2-hour	27	52%	1.6 hrs.	52%	3.0 hrs.
	<b>Total</b>	<b>54</b>	<b>52%</b>		<b>48%</b>	
Washington Street	Handicap	2	50%	1.6 hrs.	0%	0.5 hrs.
	30-min	3	100%	0.5 hrs.	100%	0.8 hrs.
	1-hour	44	70%	2.1 hrs.	66%	2.1 hrs.
	<b>Total</b>	<b>49</b>	<b>71%</b>		<b>65%</b>	
Chestnut Street	1-hour	17	47%	1.6 hrs.	17%	1.1 hrs.
	2-hour	13	92%	1.7 hrs.	85%	1.3 hrs.
	<b>Total</b>	<b>30</b>	<b>67%</b>		<b>47%</b>	

As shown in the table, Hancock Street North and Hancock Street South have the highest occupancies with over 80% occupancy during the weekday and Saturday. The City Hall area has a lot of parking activity during the weekday; however, on Saturday when City Hall is closed, occupancy drops. Coddington Street, Washington Street, and Chestnut Street, on average seem to have plenty of on-street parking available.

Based on parking observations, over 50 vehicles within the study area parked for over 4 hours during the weekday. Twenty-four of those vehicles were parked for over 6 hours. On Saturday, over 65 vehicles were parked for over 4 hours. Thirty-three of those stayed over 6 hours. The average parking durations show that vehicles, in general, tend to stay 2 or more hours, even in parking spaces with shorter time limits. The 2-hour spaces also seem to fill up more than the 1-hour or less spaces. It was observed, on both the weekday and Saturday, that there was a lack of enforcement. Vehicles staying longer than the signed regulations were not issued parking tickets.

**Figure 14** shows the total occupancy for the Adams Green study area by time of day.

**Figure 14. Total On-street Parking Occupancy**



As shown in **Figure 14**, the on-street parking within the study area does not reach full occupancy during the weekday or Saturday. Out of the 291 on-street parking spaces available, the weekday has a max a 257 occupied (34 empty), while Saturday had 248 occupied (43 empty).

**Table 8** shows the parking turnover rates for each zone.

**Table 8. Existing On-Street Parking Turnover**

Zone	Parking Restriction	# Spaces Available	Average Turnover Rate (veh/hr/space)			
			Weekday Morning (8:00 AM to 10:00 AM)	Weekday Mid-day (10:00 AM to 4:00 PM)	Weekday Evening (4:00 PM to 6:00 PM)	Saturday Mid-day (10:00 AM to 2:00 PM)
Hancock Street North	Handicap	1	0.50	1.00	0.50	0.25
	30-min	4	1.38	0.88	1.38	1.19
	1-hour	19	1.11	1.16	1.16	0.79
	2-hour	14	1.07	0.99	0.86	1.00
	<b>TOTAL</b>	<b>38</b>	<b>1.11</b>	<b>1.06</b>	<b>1.05</b>	<b>0.89</b>
City Hall	Handicap	4	0.63	0.42	0.25	0.25
	1-hour	37	1.01	1.01	1.03	0.68
	2-hour	5	1.00	0.80	0.80	0.65
	<b>TOTAL</b>	<b>46</b>	<b>0.98</b>	<b>0.93</b>	<b>0.93</b>	<b>0.64</b>
Hancock Street South	Handicap	5	0.70	0.63	0.70	0.60
	15-min	15	0.60	1.43	1.23	0.93
	1-hour	5	0.80	1.17	1.20	1.10
	2-hour	49	0.87	1.00	1.03	1.01
	<b>TOTAL</b>	<b>74</b>	<b>0.80</b>	<b>1.07</b>	<b>1.06</b>	<b>0.97</b>
Coddington Street	Handicap	1	0.50	0.33	0.00	0.25
	1-hour	26	0.46	0.63	0.73	0.45
	2-hour	27	0.54	0.69	0.44	0.38
	<b>TOTAL</b>	<b>54</b>	<b>0.50</b>	<b>0.65</b>	<b>0.57</b>	<b>0.41</b>
Washington Street	Handicap	2	1.00	1.42	1.75	0.13
	30-min	3	3.00	2.61	1.83	1.58
	1-hour	44	0.61	0.83	0.74	0.94
	<b>TOTAL</b>	<b>49</b>	<b>0.78</b>	<b>0.96</b>	<b>0.85</b>	<b>0.95</b>
Chestnut Street	1-hour	17	0.56	0.66	0.68	0.25
	2-hour	13	0.88	0.85	0.81	0.94
	<b>TOTAL</b>	<b>30</b>	<b>0.70</b>	<b>0.74</b>	<b>0.73</b>	<b>0.55</b>

The rates shown in the table represent how often the vehicles parked in each zone change. Rates above 1.0 signify that vehicles tend to turnover more often once every hour. Rates below 1.0 show that vehicles tend to stay longer than 1 hour. As shown in the table, vehicles tend to turnover more quickly in Hancock Street North. This is likely due to the coffee shops in this area. Customers tend to spend a short amount of time in these places, and therefore park for a shorter amount of time. In all other zones, vehicles tend to turnover less than once an hour.



## **Off-street Parking**

### **Ross Garage**

The Ross Garage is city-owned facility that is located south of Granite Street between Burgin Parkway and Hancock Street with access from Granite Street and Ross Way (via Mayor Hannon Parkway). Ross Garage, which is currently under construction, has approximately 720 parking spaces and 8 handicap spaces. The fee structure is as follows:

- 0-1 hrs. → Free
- 1-2 hrs. → \$1.50
- 2-3 hrs. → \$3.00
- 3-4 hrs. → \$4.00
- 4-5 hrs. → \$5.00
- 5-6 hrs. → \$6.00
- 6-7 hrs. → \$7.00
- All Day → \$8.00
- Weekend → Free

Parking occupancy was collected on Thursday, December 8, 2011, at 8:00AM, 12:00 PM, and 5:00 PM. Occupancy was also collected at 12:00 PM on Saturday, December 10, 2011. During the weekday, occupancy was highest during the mid-day with 301 vehicles (41% occupied). On Saturday, the garage was 31% occupied with 229 vehicles.

### **Hancock Lot**

The Hancock Lot is also city-owned and located between Cottage Avenue and Mayor Hannon Parkway with access from Chestnut Street. The Hancock Lot has approximately 482 parking spaces and 11 handicap spaces. The fee structure for this lot is the same as Ross Garage. Parking occupancy was collected on Thursday, December 8, 2011, at 8:00 AM, 12:00 PM, and 5:00 PM. Occupancy was also collected at 12:00 PM on Saturday, December 10, 2011. During the weekday, peak occupancy was at 5:00 PM with 329 vehicles (67% occupied). On Saturday, the lot was 42% occupied with 209 vehicles.

### **Quincy Center MBTA Garage**

The Quincy Center MBTA garage has 872 parking spaces, 16 of which are handicap accessible. According to the MBTA, this garage runs on average at 50% occupancy during the weekday. Parking fees are \$7 per day and \$8 for overnight parking.

### **President's Place Garage**

President's Place Garage is located on Saville Avenue between President's Place Galleria and Quincy High School. The garage has a total of 1,110 parking spaces with the following fee structure:

- 0-1 hrs. → \$2.00
- 1-2 hrs. → \$3.00
- 2-3 hrs. → \$4.00
- 3-4 hrs. → \$5.00
- 4-5 hrs. → \$6.00
- 5-6 hrs. → \$7.00
- 6-7 hrs. → \$8.00
- 7-8 hrs. → \$9.00
- 8-9 hrs. → \$10.00
- All Day → \$11.00